

# HD-100A

## Compact Full HD HDMI POV Camera



The HD-100A has a Full HD Progressive Scan CMOS sensor that provides vivid and detailed images even under different light conditions. Its advanced digital imaging processor utilizes White Balance, and Noise Reduction, while featuring a motion compensated temporal noise reduction to be able to maintain a quality image with motion blur. The HD-100A is compatible with other industry leading products.

# AIDA

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## Video

<b>Image Sensor</b>	1/3" Progressive CMOS
<b>Sensor Size</b>	5.346mm x 3.003mm (16:9)
<b>Effective Pixel</b>	Horizontal: 1920, Vertical: 1080
<b>Pixel Size</b>	2.75 $\mu$ m (H) x 2.75 $\mu$ m (V)
<b>Resolution</b>	1080p & 1080i: 1920 x 1080 720p & 720i: 1280 x 720
<b>Resolution/Rate</b>	1080 60p/59.94p/50p/30p/29.97p/25p/24p 1080 60i/59.94i/50i 720 60p/59.94p/50p
<b>Output</b>	HDMI 1.3a
<b>Color Space</b>	4:2:2 (YCbCr) 10bit
<b>Min. Illumination</b>	0.2 Lux (Day), 0.1 Lux (Night), 0.005 Lux (Slow Shutter ON)
<b>White Balance</b>	Auto & Manual (9,000°K - 11,000°K)

## Lens

<b>Lens</b>	C/CS Mount (Default 4mm HD Lens)
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## Audio

<b>Audio Input</b>	3.5mm Stereo Mic-In & Line in over I/O Cable
<b>Sample Rate</b>	16/24/32 Bits

## Physical

<b>Camera Control</b>	RS-485 VISCA, OSD Button
<b>Operation Temp</b>	32°F - 104°F
<b>Dimension</b>	39mm x 39mm x 50.50mm / 1.53" x 1.53" x 1.99" (With default 4mm lens)
<b>Weight</b>	140g / 0.30Lbs
<b>Power</b>	6W at 12VDC (+9 - +15VDC)

## Package contents



I/O Breakout cable



DC12v Power supply & Socket adaptor



4mm Megapixel Lens (Pre-installed)



Sensor cap



C-Mount lens adaptor



Hex. wrench

AIDA Imaging manufactures advanced imaging and streaming devices for several different industries and applications. Our focus is on providing innovative products, maintaining quality control, and excellence in service to professionals and consumers worldwide. All AIDA Imaging devices are proudly designed in the USA.

# AIDA

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